

WEST Search History

DATE: Sunday, October 02, 2005

Hide?	Set Name	Query	Hit Count
		<i>DB=PGPB,USPT,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L1	myDD88 and antisense	0

END OF SEARCH HISTORY

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal635jxs

PASSWORD:

LOGINID/PASSWORD REJECTED

The loginid and/or password sent to STN were invalid.
You either typed them incorrectly, or line noise may
have corrupted them.

Do you wish to retry the logon?

Enter choice (y/N):

Do you wish to use the same loginid and password?

Enter choice (y/N):

Enter new loginid (or press [Enter] for sssptal635jxs):

Enter new password:

LOGINID:

LOGINID:sssptal635jxs

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	JUL 20	Powerful new interactive analysis and visualization software, STN AnaVist, now available
NEWS	4	AUG 11	STN AnaVist workshops to be held in North America
NEWS	5	AUG 30	CA/CAPLUS - Increased access to 19th century research documents
NEWS	6	AUG 30	CASREACT - Enhanced with displayable reaction conditions
NEWS	7	SEP 09	ACD predicted properties enhanced in REGISTRY/ZREGISTRY
NEWS	8	SEP 22	MATHDI to be removed from STN

NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

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agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 18:51:38 ON 02 OCT 2005

=> s mydd88

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> FIL MEDLINE BIOSIS SCISEARCH EMBASE CA

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.42

0.42

FILE 'MEDLINE' ENTERED AT 18:52:36 ON 02 OCT 2005

FILE 'BIOSIS' ENTERED AT 18:52:36 ON 02 OCT 2005

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FILE 'SCISEARCH' ENTERED AT 18:52:36 ON 02 OCT 2005

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FILE 'EMBASE' ENTERED AT 18:52:36 ON 02 OCT 2005

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FILE 'CA' ENTERED AT 18:52:36 ON 02 OCT 2005

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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=> s mydd88

L1 1 MYDD88

=> d l1 ibib abs

L1 ANSWER 1 OF 1 CA COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 142:409477 CA

TITLE: MyD88 is critical for the development of innate and adaptive immunity during acute lymphocytic choriomeningitis virus infection

AUTHOR(S): Zhou, Shenghua; Kurt-Jones, Evelyn A.; Mandell, Leisa; Cerny, Anna; Chan, Melvin; Golenbock, Douglas T.; Finberg, Robert W.

CORPORATE SOURCE: Department of Medicine, University of Massachusetts Medical Center, Worcester, MA, 01605-2216, USA

SOURCE: European Journal of Immunology (2005), 35(3), 822-830
CODEN: EJIMAF; ISSN: 0014-2980

PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA

DOCUMENT TYPE: Journal

LANGUAGE: English

AB We investigated the roles of Toll-like receptor 2 (TLR2) and myeloid differentiation factor 88 (MyD88) in the course of a lymphocytic choriomeningitis virus (LCMV) infection and revealed the following: (i) studies of transfected cells and murine peritoneal macrophages demonstrated that TLR2 and MyD88 are essential for the initial pro-inflammatory cytokine response (human IL-8, mouse IL-6) to LCMV; (ii) TLR2 knockout (KO) mice and MyD88 KO mice challenged with LCMV produced less IL-6 and monocyte chemotactic protein-1 in the serum than wild-type mice; (iii) in contrast to inflammatory cytokines, the production of type 1 IFN (IFN- α) in response to LCMV was MyD88 independent; (iv) MyD88 plays an essential role in antiviral CD8+ T cell responses, CD8+ T cells in MyD88 KO mice were defective in their expression of intracellular

antiviral cytokines; and (v) the failure of MyD88 KO mice to activate CD8+ T cells was accompanied by persistent viral infection in MyD88 KO mice. We demonstrate that TLR-mediated responses are important in the innate immune response to LCMV and that MyD88 is essential for the control of the LCMV infection and the maturation/activation of virus-specific CD8+ T cells.

REFERENCE COUNT: 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s myd88

L2 3194 MYD88

=> s l2 and antisense

L3 29 L2 AND ANTISENSE

=> dup rem l3

PROCESSING COMPLETED FOR L3

L4 19 DUP REM L3 (10 DUPLICATES REMOVED)

=> s l4 and py<=2001

3 FILES SEARCHED...

L5 3 L4 AND PY<=2001

=> d l5 ibib abs 1-3

L5 ANSWER 1 OF 3 MEDLINE on STN

ACCESSION NUMBER: 97165970 MEDLINE

DOCUMENT NUMBER: PubMed ID: 9013863

TITLE: The cloning and characterization of human **MyD88**: a member of an IL-1 receptor related family.

AUTHOR: Bonnert T P; Garka K E; Parnet P; Sonoda G; Testa J R; Sims J E

CORPORATE SOURCE: Immunex Corporation, Seattle, WA 98101, USA.. tim.bonnert@merck.com

SOURCE: FEBS letters, (1997 Jan 27) 402 (1) 81-4. Journal code: 0155157. ISSN: 0014-5793.

PUB. COUNTRY: Netherlands

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

OTHER SOURCE: GENBANK-U84408; GENBANK-U84409

ENTRY MONTH: 199702

ENTRY DATE: Entered STN: 19970305

Last Updated on STN: 19970305

Entered Medline: 19970220

AB Murine **MyD88**, an RNA with homology both to the interleukin-1 receptor signaling domain and to 'death-domains', is rapidly upregulated during differentiation of the myeloleukemic cell line M1. We have cloned the human homologue of murine **MyD88** and re-evaluated the murine sequence. The open reading frame for both species encodes a 296 amino acid protein, which for murine **MyD88** is 53 amino acids longer than originally published. Human **MyD88** cDNA is encoded by 5 exons, and maps to chromosome 3p21.3-p22 by fluorescence in situ hybridization (FISH). Overexpression of the death domain region leads to transcriptional activation of the IL-8 promoter.

L5 ANSWER 2 OF 3 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

ACCESSION NUMBER: 2001:520574 BIOSIS

DOCUMENT NUMBER: PREV200100520574

TITLE: TRAF6 **antisense** impairs the fever response to IL-1beta.

AUTHOR(S): Pemberton, J. L. [Reprint author]; Chai, Z.; Olsson, M.

[Reprint author]; Kilk, K. [Reprint author]; Metsis, M.
 [Reprint author]; Langel, U. [Reprint author]; Bartfai, T.
 [Reprint author]
 CORPORATE SOURCE: Neuropharmacology, Scripps Research Institute, La Jolla,
 CA, USA
 SOURCE: Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1,
 pp. 1094. print.
 Meeting Info.: 31st Annual Meeting of the Society for
 Neuroscience. San Diego, California, USA. November 10-15,
 2001.
 ISSN: 0190-5295.
 DOCUMENT TYPE: Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LANGUAGE: English
 ENTRY DATE: Entered STN: 7 Nov 2001
 Last Updated on STN: 23 Feb 2002

AB The IL-1beta mediated fever response is assumed to involve rapid actions
 of IL-1beta on cold and warm sensitive neurons to change the thermostat,
 and to induce the NFkappaB dependent transcription of COX2, leading to
 increased PGH/PGE2 production. The signaling cascade of IL-1beta was
 worked out in the lymphocytes: IL-1beta activates the heterodimeric IL-1
 receptor composed of the IL-1 receptor type1 and the IL-1 receptor
 accessory protein, causing the recruitment of the adaptor proteins
Myd88 and the protein kinase, IRAK, before TRAF6 is recruited.
 The signaling pathways are bifurcating after TRAF6, which mediates the
 activation of MAPK kinases and the NFkappaB dependent transcription.
 There are no inhibitors or known negative dominant forms of TRAF6. To
 examine if TRAF6 is involved in the IL-1beta mediated fever response we
 knocked down the expression of TRAF6 by intracerebroventricular application
 of the RNase resistant peptide nucleic acid type **antisense**
 oligonucleotides of the following sequence: TRAF6 (260-281
antisense PNA) Cys-TAC TCA GAG AAT TTG ACA CTC-Lys-amide Injection
 of TRAF6 **antisense** PNA-ON (10mug/5muL, icv), but not the
 scrambled sequence, caused an attenuation of the fever response when given
 12 or 24 hours prior to the injection of IL-1beta (20mug/kg, ip). These
 data show the critical involvement of TRAF6 in the CNS in the fever
 response to IL-1beta and illustrate the usefulness of PNA
antisense in cases where the half-life of the gene product to be
 knocked down is not known.

L5 ANSWER 3 OF 3 CA COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 135:71280 CA
 TITLE: Activation and inhibition of the immune system
 INVENTOR(S): Foxwell, Brian; Feldmann, Marc
 PATENT ASSIGNEE(S): The Mathilda and Terence Kennedy Institute of
 Rheumatology Trust, UK
 SOURCE: PCT Int. Appl., 108 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001047543	A2	20010705	WO 2000-GB4925	20001222 <--
WO 2001047543	A3	20020117		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
 HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
 LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
 YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 CA 2394880 AA 20010705 CA 2000-2394880 20001222 <--
 EP 1244466 A2 20021002 EP 2000-985660 20001222
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 JP 2003518507 T2 20030610 JP 2001-548135 20001222
 NZ 519438 A 20040326 NZ 2000-519438 20001222
 AU 781496 B2 20050526 AU 2001-22062 20001222
 US 2003153518 A1 20030814 US 2003-168805 20030131
 PRIORITY APPLN. INFO.: GB 1999-30616 A 19991224
 WO 2000-GB4925 W 20001222

AB Activation of the immune response by NF- κ B inducers, induction of an
 anergic response by NF- κ B inhibitors and the inhibition and
 activation of immune response by the administration of an activator or
 inhibitor of NF- κ B is disclosed. Examples of NF- κ B inhibitors
 include I κ B α , PSI, a nucleotide sequence encoding
 I κ B α , anti-sense nucleic acid encoding an NF- κ B
 sequence, such as Rel B, and anti-NF- κ B antibodies. Examples of
 NF- κ B inducers include NIK, MEKK, IKK2, TRAF2 and Rel B. Also
 disclosed are vectors encoding inducers and inhibitors of NF- κ B, for
 example adenoviral vectors.

=> s KARRAS, J?/au :s DOBIE, K?/au
 '?' TRUNCATION SYMBOL NOT VALID WITHIN ' KARRAS, J?/AU :S DOBIE, K?'
 The truncation symbol ? may be used only at the end of a search
 term. To specify a variable character within a word use '!', e.g.,
 'wom!n' to search for both 'woman' and 'women'. Enter "HELP
 TRUNCATION" at an arrow prompt (=>) for more information.

```
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```
=> s KARRAS, J?/au;s DOBIE, K?/au
L6          274 KARRAS, J?/AU
```

```
L7          258 DOBIE, K?/AU
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```
=> s l6 or l7
L8          530 L6 OR L7
```

```
=> d his
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(FILE 'HOME' ENTERED AT 18:51:38 ON 02 OCT 2005)
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FILE 'MEDLINE, BIOSIS, SCISEARCH, EMBASE, CA' ENTERED AT 18:52:36 ON 02
OCT 2005
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L1          1 S MYDD88
L2          3194 S MYD88
L3          29 S L2 AND ANTISENSE
L4          19 DUP REM L3 (10 DUPLICATES REMOVED)
L5          3 S L4 AND PY<=2001
L6          274 S KARRAS, J?/AU
L7          258 S DOBIE, K?/AU
L8          530 S L6 OR L7
```

```
=> s l8 and l1
L9          0 L8 AND L1
```

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=>
```